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April 14, 2004

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Re: Application of THIRUVENGADAM, Alagu P., et. al.  
Title: METHOD FOR DIAGNOSING BIPOLAR DISORDER USING NA, K-ATPASE  
REGULATON  
Assignee: **FREE STATE DIAGNOSTICS, INC.**  
Our Ref. A8709

Dear Sir:

Attached hereto is the application identified above comprising 78 sheets of the specification, including the claims and abstract, 15 sheets of drawings, a copy of the executed Assignment and PTO 1595 form, and a copy of the executed Declaration and Power of Attorney.

Applicant claims benefit of small entity status in accordance with 37 CFR § 1.27.

The Government filing fee is calculated as follows (**Small Entity fees apply**):

Total claims	<u>43</u>	-	20	=	<u>23</u>	x	\$9.00	=	<u>\$207.00</u>
Independent claims	<u>5</u>	-	3	=	<u>2</u>	x	\$43.00	=	<u>\$86.00</u>
Base Fee									<u>\$385.00</u>

<b>TOTAL FILING FEE</b>	<b>\$678.00</b>
Recordation of Assignment	\$40.00
<b>TOTAL FEE</b>	<b><u>\$718.00</u></b>

A check for the statutory filing fee of \$678.00 and Assignment recordation fee of \$40.00 is attached. The USPTO is directed and authorized to charge any required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Respectfully submitted,  
SUGHRUE MION, PLLC

Attorneys for Applicant

By:

*J. Timothy Meigs*  
J. Timothy Meigs

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